

DERWENT-ACC-NO: 1993-027260

DERWENT-WEEK: 199304

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TITLE: Reusable lie-flat plastic crate -  
with sides hinged to base with fittings to join sides

INVENTOR: KHOURY, E J

PATENT-ASSIGNEE: KHOURY E J[KHOU I]

PRIORITY-DATA: 1991ZA-0004077 (May 29, 1991)

PATENT-FAMILY:

PUB-NO	PAGES	PUB-DATE	
LANGUAGE		MAIN-IPC	
AU 9217076 A		December 3, 1992	N/A
016	B65D 006/18		
AU 649826 B		June 2, 1994	N/A
000	B65D 006/18		
ZA 9203594 A		February 24, 1993	N/A
014	B65D 000/00		

APPLICATION-DATA:

PUB-NO	APPL-DESCRIPTOR	APPL-NO
APPL-DATE		
AU 9217076A	N/A	
1992AU-0017076	May 22, 1992	
AU 649826B	N/A	
1992AU-0017076	May 22, 1992	
AU 649826B	N/A	AU 9217076
N/A		
ZA 9203594A	N/A	
1992ZA-0003594	May 18, 1992	

INT-CL (IPC): B65D005/20, B65D006/18 , B65D006/26

ABSTRACTED-PUB-NO: AU 9217076A

BASIC-ABSTRACT:

A crate has four sides (14-20) hingedly attached (22) to a

base (12) to move  
between erected and lie-flat positions, with releasable  
attachments (30,34)  
acting between each pair of adjacent sides to hold the  
sides erected. The  
crate is made of plastics, partic. high-density  
polyethylene or polypropylene.

The attachments pref. each comprises a channel-shaped clip  
on the edge of one  
side and a flange on the adjacent side edge to fit in the  
channel and abut its  
inner wall. The flange may have a protruding rib and fit  
in an aperture in the  
adjacent side with the rib abutting the aperture sides.  
The adjacent sides may  
also have a top and bottom lug (40,42) on one side to fit  
in openings (44,46)  
in the other.

USE/ADVANTAGE - E.g. for agricultural produce, occupies  
min. space so that it  
is easier to return for re-use.

CHOSEN-DRAWING: Dwg.1/7

TITLE-TERMS: REUSE LIE FLAT PLASTIC CRATE SIDE HINGE BASE  
FIT JOIN SIDE

DERWENT-CLASS: A92 Q32

CPI-CODES: A12-P06B;

SECONDARY-ACC-NO:

CPI Secondary Accession Numbers: C1993-012258

Non-CPI Secondary Accession Numbers: N1993-020926

